



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

January 1991

DECEMBER 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

In December 1991 agricultural employment totaled 269,900 (Table 1-A). This is 11 percent below the November level. About one-half of the monthly employment decline occurred in the Central Coast Region, with most of that decline occurring in Crops and Farm Labor Contracting. All of the remaining five regions posted lower employment totals, with most of the losses occurring in Crops and Farm Labor Contracting.

Employment in the Desert Region declined slightly (2,300 workers) in December and showed 8,800 fewer workers than at the same time last year. This reflects the devastating effects that the sweet potato whitefly had on vegetable and melon crops in this region, with Farm Labor Contractors being the most affected by the reduced seasonal hiring.

Wage and Salary Workers in Agricultural Establishments For December 1991 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	269.9	126.2	43.1	42.9	28.8	20.8	8.7
Total Crops	152.0	64.5	29.4	24.8	13.0	14.2	6.1
Total Livestock	26.8	13.4	2.7	1.3	5.1	2.1	1.9
Total Services	91.1	48.3	11.0	16.8	10.7	4.5	0.7

Source: Tables 1-A through 7-A, December 1991.

REGIONAL CROP ACTIVITIES

Statewide employment was about 11 percent below the year-ago level of 302,900, with a decline in Production Crops being the dominant factor. The annual average employment during 1991 was eight percent below the 1990 level. Most of this year-to-year loss was accounted for by Farm Labor Contracting, principally in the San Joaquin and Desert Regions. In contrast, employment in Vegetables and Melons is at, or close to, the level of 1990. All regions experienced employment declines from a year ago. (Tables 1-A through 7-A.)

According to the California Farm Labor Report (881A), the major regional crop activities during November were:

- Desert Sugar beets (preharvest) and miscellaneous vegetables (plant, cultivate and harvest).
- South Coast: Horticulture, lemons and tomatoes (harvest), miscellaneous vegetables (plant, cultivate and harvest).
- Central Coast: Miscellaneous vegetables (preharvest and harvest), horticulture (plant, cultivate and harvest) and strawberries (harvest).
- San Joaquin Valley: Lettuce and navel oranges (harvest), miscellaneous vegetables and rose plants (plant, cultivate and harvest), vineyards (prune and tie) and orchards (prune).
- Sacramento Valley: Orchards (prune).

AGRICULTURAL PRODUCTION WORKERS

Between November and December, there was a 13 percent reduction in the number of agricultural production workers, statewide, to a total of 239,600. (Table 1-B.)

Statewide, average weekly earnings for agricultural production workers were \$266.26 and ranged from \$246.72 in the Desert Region to \$294.62 in the Central Coast Region. (Tables 1-C through 7-C.)

The average hours worked by agricultural production workers were 40.1, statewide, with a low of 37.1 hours in the Desert Region and a high of 42.1 hours in the Sacramento Valley and North Coast Regions. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For December 1991

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.63	6.32	6.96	7.44	6.65	6.46	6.87
Total Crops	6.59	6.33	6.80	7.26	6.13	6.38	6.86
Total Livestock	7.26	7.29	6.85	7.85	8.01	7.58	6.56
Total Services	6.47	5.97	7.45	7.73	6.35	6.08	8.09

Source: Tables 1-E through 7-E, December 1991.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

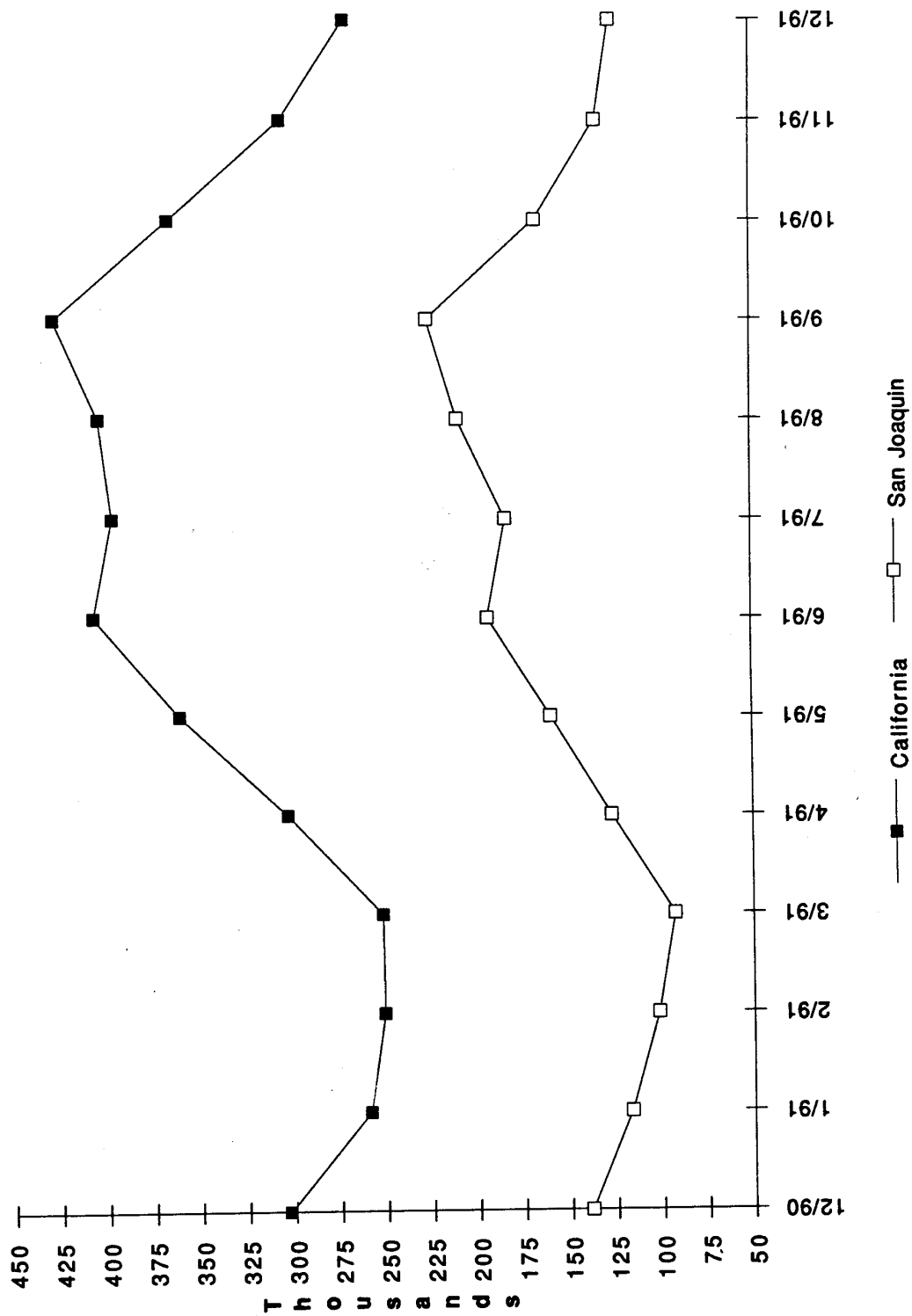
To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

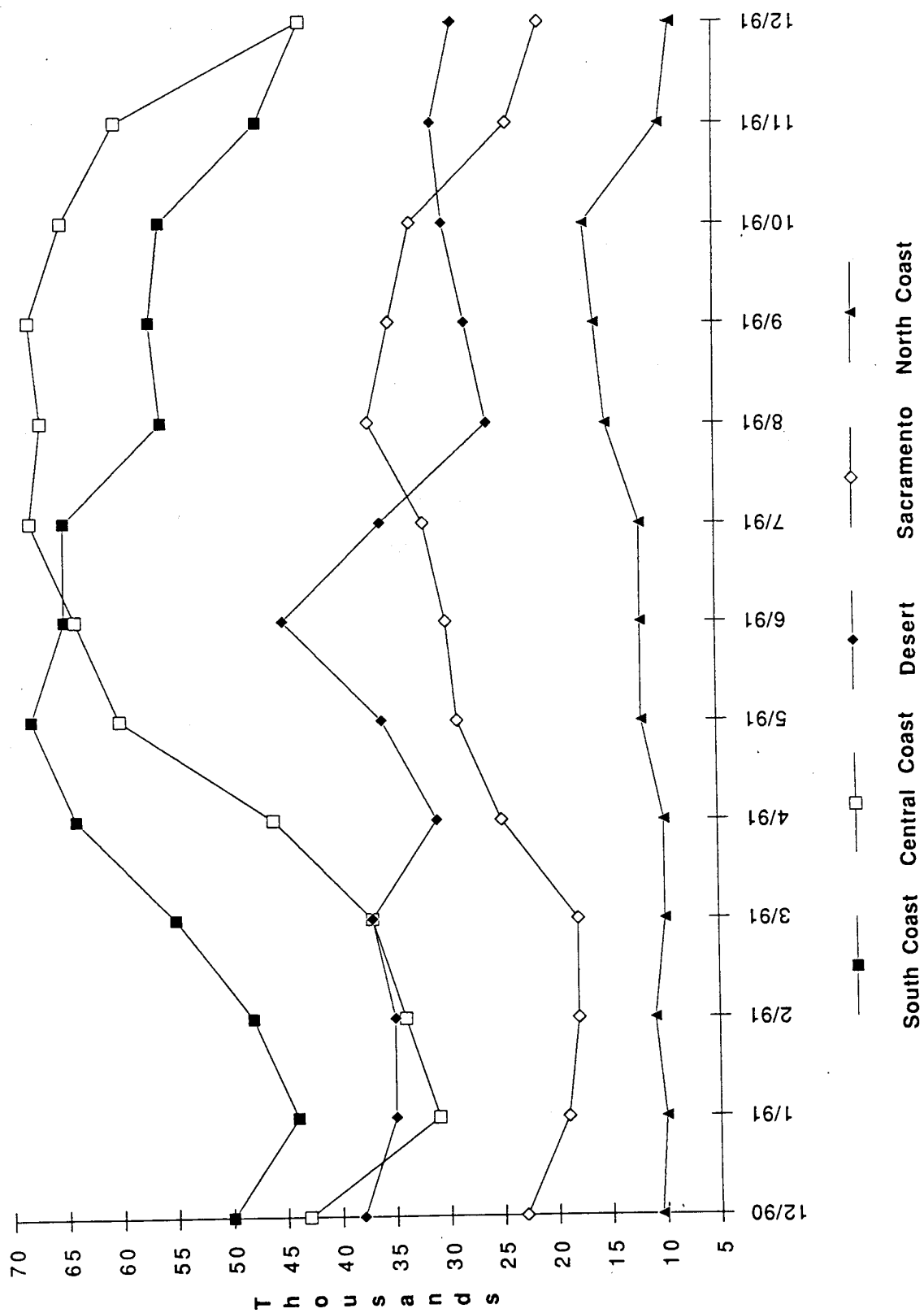
If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: *Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994* or call (916) 427-4961. (ATSS 8-466-4961).

TOTAL WAGE & SALARY EMPLOYMENT

California and San Joaquin



All Regions except San Joaquin



CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT

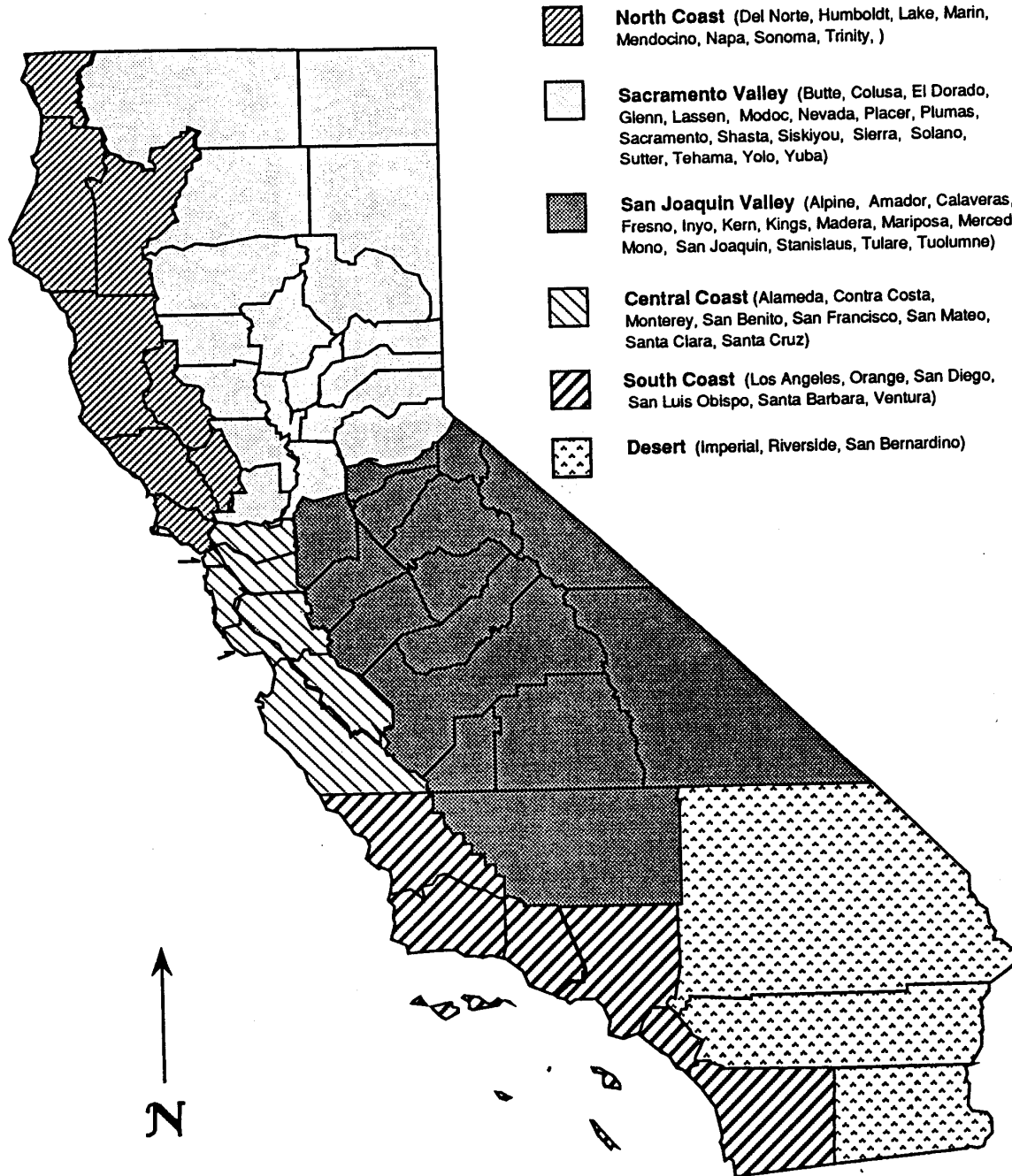


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	269.9	304.7	302.9
TOTAL AGRIC. PROD. CROPS	152.0	172.5	170.0
CASH GRAINS	1.9	2.4	2.4
RICE	1.1	1.4	1.3
OTHER CASH GRAIN	0.8	1.0	1.1
FIELD CROPS EXCEPT CASH GRAIN	9.1	11.4	10.1
COTTON	4.9	6.8	6.1
OTHER FIELD CROPS	4.2	4.6	4.0
VEGETABLES AND MELONS	23.0	32.3	26.4
TOTAL FRUIT AND TREE NUTS	59.5	66.5	68.4
BERRIES	4.7	9.0	6.4
GRAPES	23.1	25.6	26.3
TREE NUTS	7.3	8.2	6.8
CITRUS FRUITS	3.9	3.5	5.5
DECIDUOUS TREE FRUIT	11.1	10.0	12.7
OTHER FRUITS AND NUTS	9.4	10.2	10.7
TOTAL HORTICULTURAL SPECIALTIES	33.4	33.0	35.1
ORNAMENTAL FLORAL & NURS PRD	30.4	29.8	31.6
FOOD CROPS GROWN UNDR COVER	3.0	3.2	3.5
GENERAL FARM PRIMARILY CROP	25.1	26.9	27.6
TOTAL AGRIC. PROD. LIVESTOCK	26.8	27.0	28.2
BEEF CATTLE FEED LOTS	0.7	0.8	0.9
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.8	4.0
DAIRY FARMS	12.9	12.9	13.2
CHICKEN EGGS	3.2	3.2	3.4
TURKEYS & TURKEY EGGS	1.2	1.2	1.4
OTHER LIVESTOCK	5.1	5.1	5.3
TOTAL AGRICULTURAL SERVICES	91.1	105.2	104.7
SOIL PREPARATION SERVICES	0.9	1.0	1.0
CROP SERVICES	40.5	48.9	41.7
CROP PLANT-CULT-PROTECTION	3.4	4.2	4.8
CROP HARVEST PRIM. MACHINE	6.8	7.3	6.3
CROP PREP. SERV. FOR MARKET	28.8	35.1	29.0
COTTON GINNING	1.5	2.3	1.6
TOTAL FARM LABOR & MANAGEMENT	49.7	55.3	62.0
FARM LABOR CONTRACTORS	45.2	50.5	56.2
FARM MANAGEMENT SERVICES	4.5	4.8	5.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	239.6	275.2
TOTAL AGRIC. PROD. CROPS	132.6	153.8
CASH GRAINS	1.5	2.0
RICE	0.8	1.1
OTHER CASH GRAIN	0.7	0.9
FIELD CROPS EXCEPT CASH GRAIN	8.1	10.3
COTTON	4.5	6.2
OTHER FIELD CROPS	3.6	4.1
VEGETABLES AND MELONS	20.5	29.7
TOTAL FRUIT AND TREE NUTS	53.2	60.7
BERRIES	4.0	8.7
GRAPES	20.6	23.1
TREE NUTS	6.6	7.4
CITRUS FRUITS	3.6	3.2
DECIDUOUS TREE FRUIT	9.8	8.8
OTHER FRUITS AND NUTS	8.6	9.5
TOTAL HORTICULTURAL SPECIALTIES	26.5	26.4
ORNAMENTAL FLORAL & NURS PRD	23.9	23.7
FOOD CROPS GROWN UNDR COVER	2.6	2.7
GENERAL FARM PRIMARILY CROP	22.8	24.7
TOTAL AGRIC. PROD. LIVESTOCK	23.3	23.2
BEEF CATTLE FEED LOTS	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.1	3.1
DAIRY FARMS	12.0	12.0
CHICKEN EGGS	2.4	2.4
TURKEYS & TURKEY EGGS	0.9	0.9
OTHER LIVESTOCK	4.3	4.2
TOTAL AGRICULTURAL SERVICES	83.7	98.2
SOIL PREPARATION SERVICES	0.7	0.8
CROP SERVICES	35.3	43.8
CROP PLANT-CULT-PROTECTION	2.6	3.5
CROP HARVEST PRIM. MACHINE	6.1	6.6
CROP PREP. SERV. FOR MARKET	25.5	31.8
COTTON GINNING	1.1	1.9
TOTAL FARM LABOR & MANAGEMENT	47.7	53.6
FARM LABOR CONTRACTORS	44.2	49.6
FARM MANAGEMENT SERVICES	3.5	4.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	265.86	272.83
TOTAL AGRIC. PROD. CROPS	266.24	276.81
CASH GRAINS	350.39	334.85
RICE	376.23	361.94
OTHER CASH GRAIN	320.78	300.57
FIELD CROPS EXCEPT CASH GRAIN	287.62	336.00
COTTON	295.74	352.94
OTHER FIELD CROPS	277.68	311.00
VEGETABLES AND MELONS	298.29	307.75
TOTAL FRUIT AND TREE NUTS	242.81	248.07
BERRIES	237.63	219.94
GRAPES	250.28	263.87
TREE NUTS	243.43	253.77
CITRUS FRUITS	253.36	315.19
DECIDUOUS TREE FRUIT	232.60	221.41
OTHER FRUITS AND NUTS	233.74	233.84
TOTAL HORTICULTURAL SPECIALTIES	293.92	292.03
ORNAMENTAL FLORAL & NURS PRD	289.51	290.18
FOOD CROPS GROWN UNDR COVER	330.59	309.38
GENERAL FARM PRIMARILY CROP	247.26	263.13
TOTAL AGRIC. PROD. LIVESTOCK	360.10	337.24
BEEF CATTLE FEED LOTS	370.14	340.01
BEEF CATTLE EXCEPT FEED LOTS	319.34	308.30
DAIRY FARMS	388.19	359.43
CHICKEN EGGS	317.94	317.49
TURKEYS & TURKEY EGGS	345.98	344.72
OTHER LIVESTOCK	335.44	302.98
TOTAL AGRICULTURAL SERVICES	238.74	251.81
SOIL PREPARATION SERVICES	536.11	529.28
CROP SERVICES	261.26	287.89
CROP PLANT-CULT-PROTECTION	303.73	298.74
CROP HARVEST PRIM. MACHINE	254.24	302.32
CROP PREP. SERV. FOR MARKET	254.14	280.04
COTTON GINNING	364.50	342.49
TOTAL FARM LABOR & MANAGEMENT	217.80	218.62
FARM LABOR CONTRACTORS	211.82	214.40
FARM MANAGEMENT SERVICES	285.22	273.76

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	40.1	40.3
TOTAL AGRIC. PROD. CROPS	40.4	41.5
CASH GRAINS	49.7	48.6
RICE	50.5	50.2
OTHER CASH GRAIN	48.9	46.6
FIELD CROPS EXCEPT CASH GRAIN	42.8	50.0
COTTON	43.3	51.6
OTHER FIELD CROPS	42.2	47.7
VEGETABLES AND MELONS	39.3	42.1
TOTAL FRUIT AND TREE NUTS	39.1	38.7
BERRIES	37.6	34.8
GRAPES	37.3	36.7
TREE NUTS	41.4	44.6
CITRUS FRUITS	34.1	43.0
DECIDUOUS TREE FRUIT	42.6	40.7
OTHER FRUITS AND NUTS	40.3	39.3
TOTAL HORTICULTURAL SPECIALTIES	44.0	43.2
ORNAMENTAL FLORAL & NURS PRD	44.2	43.9
FOOD CROPS GROWN UNDR COVER	41.9	37.5
GENERAL FARM PRIMARILY CROP	39.0	41.7
TOTAL AGRIC. PROD. LIVESTOCK	49.6	47.7
BEEF CATTLE FEED LOTS	53.8	50.9
BEEF CATTLE EXCEPT FEED LOTS	47.1	46.5
DAIRY FARMS	52.6	50.2
CHICKEN EGGS	48.1	49.3
TURKEYS & TURKEY EGGS	54.4	55.6
OTHER LIVESTOCK	42.3	38.4
TOTAL AGRICULTURAL SERVICES	36.9	36.6
SOIL PREPARATION SERVICES	52.1	52.3
CROP SERVICES	37.7	39.6
CROP PLANT-CULT-PROTECTION	41.1	42.8
CROP HARVEST PRIM. MACHINE	36.9	42.7
CROP PREP. SERV. FOR MARKET	37.1	38.1
COTTON GINNING	48.6	47.7
TOTAL FARM LABOR & MANAGEMENT	36.0	34.0
FARM LABOR CONTRACTORS	35.6	33.5
FARM MANAGEMENT SERVICES	40.4	40.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.63	6.77
TOTAL AGRIC. PROD. CROPS	6.59	6.67
CASH GRAINS	7.05	6.89
RICE	7.45	7.21
OTHER CASH GRAIN	6.56	6.45
FIELD CROPS EXCEPT CASH GRAIN	6.72	6.72
COTTON	6.83	6.84
OTHER FIELD CROPS	6.58	6.52
VEGETABLES AND MELONS	7.59	7.31
TOTAL FRUIT AND TREE NUTS	6.21	6.41
BERRIES	6.32	6.32
GRAPES	6.71	7.19
TREE NUTS	5.88	5.69
CITRUS FRUITS	7.43	7.33
DECIDUOUS TREE FRUIT	5.46	5.44
OTHER FRUITS AND NUTS	5.80	5.95
TOTAL HORTICULTURAL SPECIALTIES	6.68	6.76
ORNAMENTAL FLORAL & NURS PRD	6.55	6.61
FOOD CROPS GROWN UNDR COVER	7.89	8.25
GENERAL FARM PRIMARILY CROP	6.34	6.31
TOTAL AGRIC. PROD. LIVESTOCK	7.26	7.07
BEEF CATTLE FEED LOTS	6.88	6.68
BEEF CATTLE EXCEPT FEED LOTS	6.78	6.63
DAIRY FARMS	7.38	7.16
CHICKEN EGGS	6.61	6.44
TURKEYS & TURKEY EGGS	6.36	6.20
OTHER LIVESTOCK	7.93	7.89
TOTAL AGRICULTURAL SERVICES	6.4	6.88
SOIL PREPARATION SERVICES	10.29	10.12
CROP SERVICES	6.93	7.27
CROP PLANT-CULT-PROTECTION	7.39	6.98
CROP HARVEST PRIM. MACHINE	6.89	7.08
CROP PREP. SERV. FOR MARKET	6.85	7.35
COTTON GINNING	7.50	7.18
TOTAL FARM LABOR & MANAGEMENT	6.05	6.43
FARM LABOR CONTRACTORS	5.95	6.40
FARM MANAGEMENT SERVICES	7.06	6.81

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	126.2	133.8	138.7
TOTAL AGRIC. PROD. CROPS	64.5	72.2	70.1
TOTAL FIELD CROPS	7.2	9.3	8.2
COTTON	4.6	6.5	5.7
OTHER FIELD CROPS	2.6	2.8	2.5
VEGETABLES AND MELONS	3.7	7.0	4.4
TOTAL FRUIT AND TREE NUTS	34.7	37.6	37.9
GRAPES	16.2	19.3	17.6
TREE NUTS	4.8	5.3	4.4
CITRUS FRUITS	2.0	1.7	2.8
DECIDUOUS TREE FRUIT	6.6	5.6	7.6
OTHER FRUITS AND NUTS	5.1	5.7	5.5
HORTICULTURAL SPECIALTIES	5.8	5.1	4.3
GENERAL FARM PRIMARILY CROP	13.1	13.2	15.3
TOTAL AGRIC. PROD. LIVESTOCK	13.4	13.5	14.1
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.4	1.5
DAIRY FARMS	8.2	8.2	8.2
POULTRY & EGGS	2.3	2.3	2.9
OTHER LIVESTOCK	1.3	1.3	1.2
TOTAL AGRICULTURAL SERVICES	48.3	48.1	54.5
CROP SERVICES	19.5	21.9	20.9
CROP PLANT-CULT-PROTECTION	2.0	2.3	3.1
CROP HARVEST PRIM. MACHINE	1.0	1.6	1.8
CROP PREP. SERV. FOR MARKET	15.0	15.8	14.5
COTTON GINNING	1.5	2.2	1.5
TOTAL FARM LABOR & MANAGEMENT	28.8	26.2	33.6
FARM LABOR CONTRACTORS	26.8	24.0	31.0
FARM MANAGEMENT SERVICES	2.0	2.2	2.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	114.4	122.0
TOTAL AGRIC. PROD. CROPS	57.8	65.3
TOTAL FIELD CROPS	6.4	8.3
COTTON	4.2	5.9
OTHER FIELD CROPS	2.2	2.4
VEGETABLES AND MELONS	3.4	6.5
TOTAL FRUIT AND TREE NUTS	32.2	35.0
GRAPES	15.2	18.4
TREE NUTS	4.4	4.8
CITRUS FRUITS	1.8	1.5
DECIDUOUS TREE FRUIT	6.0	4.9
OTHER FRUITS AND NUTS	4.8	5.4
HORTICULTURAL SPECIALTIES	4.0	3.5
GENERAL FARM PRIMARILY CROP	11.8	12.0
TOTAL AGRIC. PROD. LIVESTOCK	12.1	12.1
BEEF CATTLE FEED LOTS	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2
DAIRY FARMS	7.5	7.6
POULTRY & EGGS	2.1	2.0
OTHER LIVESTOCK	1.1	1.1
TOTAL AGRICULTURAL SERVICES	44.5	44.6
CROP SERVICES	16.6	19.1
CROP PLANT-CULT-PROTECTION	1.5	1.8
CROP HARVEST PRIM. MACHINE	0.8	1.4
CROP PREP. SERV. FOR MARKET	13.1	14.0
COTTON GINNING	1.2	1.9
TOTAL FARM LABOR & MANAGEMENT	27.9	25.5
FARM LABOR CONTRACTORS	26.3	23.6
FARM MANAGEMENT SERVICES	1.6	1.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	254.70	265.43
TOTAL AGRIC. PROD. CROPS	248.77	272.17
TOTAL FIELD CROPS	319.44	362.37
COTTON	300.84	355.52
OTHER FIELD CROPS	353.65	377.88
VEGETABLES AND MELONS	161.23	239.94
TOTAL FRUIT AND TREE NUTS	237.29	252.33
GRAPES	246.24	265.36
TREE NUTS	246.37	264.94
CITRUS FRUITS	198.37	215.09
DECIDUOUS TREE FRUIT	221.52	228.02
OTHER FRUITS AND NUTS	235.53	228.49
HORTICULTURAL SPECIALTIES	272.45	304.68
GENERAL FARM PRIMARILY CROP	259.16	275.06
TOTAL AGRIC. PROD. LIVESTOCK	361.58	337.47
BEEF CATTLE FEED LOTS	361.00	354.64
BEEF CATTLE EXCEPT FEED LOTS	348.47	323.86
DAIRY FARMS	378.00	348.08
POULTRY & EGGS	327.08	312.00
OTHER LIVESTOCK	330.86	322.58
TOTAL AGRICULTURAL SERVICES	232.83	236.33
CROP SERVICES	276.64	260.69
CROP PLANT-CULT-PROTECTION	344.65	340.74
CROP HARVEST PRIM. MACHINE	339.02	383.52
CROP PREP. SERV. FOR MARKET	257.40	225.58
COTTON GINNING	365.56	346.56
TOTAL FARM LABOR & MANAGEMENT	206.45	218.59
FARM LABOR CONTRACTORS	202.37	214.10
FARM MANAGEMENT SERVICES	274.58	276.22

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	40.3	40.4
TOTAL AGRIC. PROD. CROPS	39.3	41.3
TOTAL FIELD CROPS	45.7	52.9
COTTON	43.6	51.6
OTHER FIELD CROPS	49.6	55.9
VEGETABLES AND MELONS	23.4	33.7
TOTAL FRUIT AND TREE NUTS	38.9	39.0
GRAPES	38.0	37.8
TREE NUTS	41.9	46.4
CITRUS FRUITS	23.9	27.4
DECIDUOUS TREE FRUIT	42.6	42.7
OTHER FRUITS AND NUTS	40.4	36.5
HORTICULTURAL SPECIALTIES	39.6	42.2
GENERAL FARM PRIMARILY CROP	41.4	43.8
TOTAL AGRIC. PROD. LIVESTOCK	49.6	47.8
BEEF CATTLE FEED LOTS	52.7	52.0
BEEF CATTLE EXCEPT FEED LOTS	46.9	46.8
DAIRY FARMS	52.5	50.3
POULTRY & EGGS	42.7	41.6
OTHER LIVESTOCK	45.2	42.5
TOTAL AGRICULTURAL SERVICES	39.0	37.1
CROP SERVICES	41.6	39.8
CROP PLANT-CULT-PROTECTION	44.3	44.6
CROP HARVEST PRIM. MACHINE	41.7	51.0
CROP PREP. SERV. FOR MARKET	40.6	36.8
COTTON GINNING	49.4	48.2
TOTAL FARM LABOR & MANAGEMENT	37.4	35.2
FARM LABOR CONTRACTORS	37.2	34.7
FARM MANAGEMENT SERVICES	40.8	41.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.32	6.57
TOTAL AGRIC. PROD. CROPS	6.33	6.59
TOTAL FIELD CROPS	6.99	6.85
COTTON	6.90	6.89
OTHER FIELD CROPS	7.13	6.76
VEGETABLES AND MELONS	6.89	7.12
TOTAL FRUIT AND TREE NUTS	6.10	6.47
GRAPES	6.48	7.02
TREE NUTS	5.88	5.71
CITRUS FRUITS	8.30	7.85
DECIDUOUS TREE FRUIT	5.20	5.34
OTHER FRUITS AND NUTS	5.83	6.26
HORTICULTURAL SPECIALTIES	6.88	7.22
GENERAL FARM PRIMARILY CROP	6.26	6.28
TOTAL AGRIC. PROD. LIVESTOCK	7.29	7.06
BEEF CATTLE FEED LOTS	6.85	6.82
BEEF CATTLE EXCEPT FEED LOTS	7.43	6.92
DAIRY FARMS	7.20	6.92
POULTRY & EGGS	7.66	7.50
OTHER LIVESTOCK	7.32	7.59
TOTAL AGRICULTURAL SERVICES	5.97	6.37
CROP SERVICES	6.65	6.55
CROP PLANT-CULT-PROTECTION	7.78	7.64
CROP HARVEST PRIM. MACHINE	8.13	7.52
CROP PREP. SERV. FOR MARKET	6.34	6.13
COTTON GINNING	7.40	7.19
TOTAL FARM LABOR & MANAGEMENT	5.52	6.21
FARM LABOR CONTRACTORS	5.44	6.17
FARM MANAGEMENT SERVICES	6.73	6.64

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	43.1	46.9	50.0
TOTAL AGRIC. PROD. CROPS	29.4	32.7	36.5
VEGETABLES AND MELONS	7.3	9.4	10.0
TOTAL FRUIT AND TREE NUTS	6.4	7.0	7.3
BERRIES	2.9	3.6	3.0
GRAPES	0.7	0.8	0.8
CITRUS FRUITS	1.5	1.4	1.7
OTHER FRUITS AND NUTS	1.3	1.2	1.8
TOTAL HORTICULTURAL SPECIALTIES	13.5	13.7	16.0
ORNAMENTAL FLORAL & NURS PRD	12.6	12.8	15.2
FOOD CROPS GROWN UNDR COVER	0.9	0.9	0.8
GENERAL FARM PRIMARILY CROP	2.2	2.6	3.2
TOTAL AGRIC. PROD. LIVESTOCK	2.7	2.7	2.8
TOTAL AGRICULTURAL SERVICES	11.0	11.5	10.7
CROP SERVICES	4.0	4.2	3.7
CROP HARVEST PRIM. MACHINE	1.6	1.9	1.2
CROP PREP. SERV. FOR MARKET	2.4	2.3	2.5
TOTAL FARM LABOR & MANAGEMENT	7.0	7.3	7.0
FARM LABOR CONTRACTORS	6.1	6.4	5.9
FARM MANAGEMENT SERVICES	0.9	0.9	1.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	36.9	41.0
TOTAL AGRIC. PROD. CROPS	24.8	28.4
VEGETABLES AND MELONS	6.5	8.5
TOTAL FRUIT AND TREE NUTS	5.5	6.4
BERRIES	2.4	3.4
GRAPES	0.6	0.7
CITRUS FRUITS	1.2	1.2
OTHER FRUITS AND NUTS	1.3	1.1
TOTAL HORTICULTURAL SPECIALTIES	10.9	11.1
ORNAMENTAL FLORAL & NURS PRD	10.2	10.4
FOOD CROPS GROWN UNDR COVER	0.7	0.7
GENERAL FARM PRIMARILY CROP	1.9	2.4
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.1
TOTAL AGRICULTURAL SERVICES	10.0	10.5
CROP SERVICES	3.5	3.7
CROP HARVEST PRIM. MACHINE	1.4	1.7
CROP PREP. SERV. FOR MARKET	2.1	2.0
TOTAL FARM LABOR & MANAGEMENT	6.5	6.8
FARM LABOR CONTRACTORS	5.8	6.1
FARM MANAGEMENT SERVICES	0.7	0.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	286.75	279.61
TOTAL AGRIC. PROD. CROPS	286.96	275.64
VEGETABLES AND MELONS	315.59	293.61
TOTAL FRUIT AND TREE NUTS	255.44	241.04
BERRIES	222.11	208.89
GRAPES	259.52	243.10
CITRUS FRUITS	305.12	293.28
OTHER FRUITS AND NUTS	270.28	285.67
TOTAL HORTICULTURAL SPECIALTIES	291.85	292.95
ORNAMENTAL FLORAL & NURS PRD	293.66	292.75
FOOD CROPS GROWN UNDR COVER	266.85	297.66
GENERAL FARM PRIMARILY CROP	252.33	223.39
TOTAL AGRIC. PROD. LIVESTOCK	310.31	301.95
TOTAL AGRICULTURAL SERVICES	282.36	286.81
CROP SERVICES	309.89	342.77
CROP HARVEST PRIM. MACHINE	295.47	314.08
CROP PREP. SERV. FOR MARKET	319.49	367.42
TOTAL FARM LABOR & MANAGEMENT	267.52	255.74
FARM LABOR CONTRACTORS	271.74	253.13
FARM MANAGEMENT SERVICES	236.21	278.10

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	41.2	40.7
TOTAL AGRIC. PROD. CROPS	42.2	41.7
VEGETABLES AND MELONS	41.8	42.8
TOTAL FRUIT AND TREE NUTS	40.1	37.9
BERRIES	35.2	33.0
GRAPES	35.6	34.0
CITRUS FRUITS	47.6	47.0
OTHER FRUITS AND NUTS	44.6	46.3
TOTAL HORTICULTURAL SPECIALTIES	44.9	45.0
ORNAMENTAL FLORAL & NURS PRD	45.6	45.6
FOOD CROPS GROWN UNDR COVER	34.3	36.3
GENERAL FARM PRIMARILY CROP	34.9	32.9
TOTAL AGRIC. PROD. LIVESTOCK	45.3	45.0
TOTAL AGRICULTURAL SERVICES	37.9	37.2
CROP SERVICES	37.7	41.7
CROP HARVEST PRIM. MACHINE	40.2	41.6
CROP PREP. SERV. FOR MARKET	36.1	41.8
TOTAL FARM LABOR & MANAGEMENT	38.0	34.7
FARM LABOR CONTRACTORS	38.6	34.3
FARM MANAGEMENT SERVICES	33.6	38.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.96	6.87
TOTAL AGRIC. PROD. CROPS	6.80	6.61
VEGETABLES AND MELONS	7.55	6.86
TOTAL FRUIT AND TREE NUTS	6.37	6.36
BERRIES	6.31	6.33
GRAPES	7.29	7.15
CITRUS FRUITS	6.41	6.24
OTHER FRUITS AND NUTS	6.06	6.17
TOTAL HORTICULTURAL SPECIALTIES	6.50	6.51
ORNAMENTAL FLORAL & NURS PRD	6.44	6.42
FOOD CROPS GROWN UNDR COVER	7.78	8.20
GENERAL FARM PRIMARILY CROP	7.23	6.79
TOTAL AGRIC. PROD. LIVESTOCK	6.85	6.71
TOTAL AGRICULTURAL SERVICES	7.45	7.71
CROP SERVICES	8.22	8.22
CROP HARVEST PRIM. MACHINE	7.35	7.55
CROP PREP. SERV. FOR MARKET	8.85	8.79
TOTAL FARM LABOR & MANAGEMENT	7.04	7.37
FARM LABOR CONTRACTORS	7.04	7.38
FARM MANAGEMENT SERVICES	7.03	7.28

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	42.9	59.9	43.4
TOTAL AGRIC. PROD. CROPS	24.8	32.9	26.3
VEGETABLES AND MELONS	7.5	11.4	7.8
TOTAL FRUIT AND TREE NUTS	4.8	7.9	6.5
BERRIES	2.5	5.7	3.2
GRAPES	0.8	0.9	1.6
DECIDUOUS TREE FRUIT	1.0	0.8	1.0
OTHER FRUITS AND NUTS	0.5	0.5	0.7
TOTAL HORTICULTURAL SPECIALTIES	9.0	9.7	9.5
ORNAMENTAL FLORAL & NURS PRD	7.2	7.8	7.3
FOOD CROPS GROWN UNDR COVER	1.8	1.9	2.2
GENERAL FARM PRIMARILY CROP	3.5	3.9	2.5
TOTAL AGRIC. PROD. LIVESTOCK	1.3	1.3	1.3
TOTAL AGRICULTURAL SERVICES	16.8	25.7	15.8
CROP SERVICES	10.8	14.6	9.5
CROP HARVEST PRIM. MACHINE	3.2	3.2	3.2
CROP PREP. SERV. FOR MARKET	7.6	11.4	6.3
TOTAL FARM LABOR & MANAGEMENT	6.0	11.1	6.3
FARM LABOR CONTRACTORS	5.7	10.8	6.0
FARM MANAGEMENT SERVICES	0.3	0.3	0.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	37.7	54.8
TOTAL AGRIC. PROD. CROPS	21.2	29.4
VEGETABLES AND MELONS	6.5	10.3
TOTAL FRUIT AND TREE NUTS	4.0	7.3
BERRIES	2.2	5.5
GRAPES	0.5	0.7
DECIDUOUS TREE FRUIT	0.8	0.7
OTHER FRUITS AND NUTS	0.5	0.4
TOTAL HORTICULTURAL SPECIALTIES	7.3	8.0
ORNAMENTAL FLORAL & NURS PRD	5.7	6.4
FOOD CROPS GROWN UNDR COVER	1.6	1.6
GENERAL FARM PRIMARILY CROP	3.4	3.8
TOTAL AGRIC. PROD. LIVESTOCK	1.0	1.0
TOTAL AGRICULTURAL SERVICES	15.5	24.4
CROP SERVICES	9.8	13.5
CROP HARVEST PRIM. MACHINE	2.9	2.8
CROP PREP. SERV. FOR MARKET	6.9	10.7
TOTAL FARM LABOR & MANAGEMENT	5.7	10.9
FARM LABOR CONTRACTORS	5.6	10.7
FARM MANAGEMENT SERVICES	0.1	0.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	294.62	297.08
TOTAL AGRIC. PROD. CROPS	311.45	297.67
VEGETABLES AND MELONS	337.43	348.04
TOTAL FRUIT AND TREE NUTS	276.19	247.59
BERRIES	258.23	229.40
GRAPES	340.13	302.63
DECIDUOUS TREE FRUIT	289.84	224.22
OTHER FRUITS AND NUTS	267.68	432.90
TOTAL HORTICULTURAL SPECIALTIES	340.29	304.56
ORNAMENTAL FLORAL & NURS PRD	328.24	286.44
FOOD CROPS GROWN UNDR COVER	383.63	375.20
GENERAL FARM PRIMARILY CROP	240.58	242.44
TOTAL AGRIC. PROD. LIVESTOCK	449.02	316.09
TOTAL AGRICULTURAL SERVICES	261.27	295.20
CROP SERVICES	278.17	327.99
CROP HARVEST PRIM. MACHINE	247.81	287.87
CROP PREP. SERV. FOR MARKET	291.33	338.57
TOTAL FARM LABOR & MANAGEMENT	231.49	254.85
FARM LABOR CONTRACTORS	227.24	253.42
FARM MANAGEMENT SERVICES	462.68	347.21

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	39.6	39.4
TOTAL AGRIC. PROD. CROPS	42.9	41.4
VEGETABLES AND MELONS	40.9	44.0
TOTAL FRUIT AND TREE NUTS	39.4	37.4
BERRIES	38.6	35.9
GRAPES	36.3	38.7
DECIDUOUS TREE FRUIT	46.3	37.0
OTHER FRUITS AND NUTS	34.9	55.5
TOTAL HORTICULTURAL SPECIALTIES	48.2	43.2
ORNAMENTAL FLORAL & NURS PRD	48.7	43.4
FOOD CROPS GROWN UNDR COVER	46.5	42.3
GENERAL FARM PRIMARILY CROP	39.7	38.3
TOTAL AGRIC. PROD. LIVESTOCK	57.2	41.7
TOTAL AGRICULTURAL SERVICES	33.8	36.9
CROP SERVICES	35.8	39.0
CROP HARVEST PRIM. MACHINE	35.2	41.6
CROP PREP. SERV. FOR MARKET	36.1	38.3
TOTAL FARM LABOR & MANAGEMENT	30.3	34.3
FARM LABOR CONTRACTORS	29.9	34.2
FARM MANAGEMENT SERVICES	50.9	39.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	7.44	7.54
TOTAL AGRIC. PROD. CROPS	7.26	7.19
VEGETABLES AND MELONS	8.25	7.91
TOTAL FRUIT AND TREE NUTS	7.01	6.62
BERRIES	6.69	6.39
GRAPES	9.37	7.82
DECIDUOUS TREE FRUIT	6.26	6.06
OTHER FRUITS AND NUTS	7.67	7.80
TOTAL HORTICULTURAL SPECIALTIES	7.06	7.05
ORNAMENTAL FLORAL & NURS PRD	6.74	6.60
FOOD CROPS GROWN UNDR COVER	8.25	8.87
GENERAL FARM PRIMARILY CROP	6.06	6.33
TOTAL AGRIC. PROD. LIVESTOCK	7.85	7.58
TOTAL AGRICULTURAL SERVICES	7.73	8.00
CROP SERVICES	7.77	8.41
CROP HARVEST PRIM. MACHINE	7.04	6.92
CROP PREP. SERV. FOR MARKET	8.07	8.84
TOTAL FARM LABOR & MANAGEMENT	7.64	7.43
FARM LABOR CONTRACTORS	7.60	7.41
FARM MANAGEMENT SERVICES	9.09	8.79

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	28.8	31.1	37.6
TOTAL AGRIC. PROD. CROPS	13.0	12.4	13.4
FIELD CROPS	1.5	1.6	1.5
VEGETABLES AND MELONS	2.8	2.7	3.5
TOTAL FRUIT AND TREE NUTS	3.3	2.8	3.5
GRAPES	1.4	1.0	1.3
CITRUS FRUITS	0.4	0.4	0.7
OTHER FRUITS AND NUTS	1.5	1.4	1.5
HORTICULTURAL SPECIALTIES	1.6	1.5	1.2
GENERAL FARM PRIMARILY CROP	3.8	3.8	3.7
TOTAL AGRIC. PROD. LIVESTOCK	5.1	5.0	5.7
DAIRY FARMS	2.3	2.2	2.5
CHICKEN EGGS	1.2	1.2	1.5
OTHER LIVESTOCK	1.6	1.6	1.7
TOTAL AGRICULTURAL SERVICES	10.7	13.7	18.5
CROP SERVICES	5.3	5.2	6.4
CROP PLANT-CULT-PROTECTION	0.7	1.2	1.0
CROP HARVEST PRIM. MACHINE	1.2	0.7	1.0
CROP PREP. SERV. FOR MARKET	3.4	3.3	4.4
TOTAL FARM LABOR & MANAGEMENT	5.4	8.5	12.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	26.2	29.1
TOTAL AGRIC. PROD. CROPS	11.7	11.3
FIELD CROPS	1.3	1.4
VEGETABLES AND MELONS	2.6	2.6
TOTAL FRUIT AND TREE NUTS	2.9	2.5
GRAPES	1.2	0.9
CITRUS FRUITS	0.3	0.3
OTHER FRUITS AND NUTS	1.4	1.3
HORTICULTURAL SPECIALTIES	1.3	1.3
GENERAL FARM PRIMARILY CROP	3.6	3.5
TOTAL AGRIC. PROD. LIVESTOCK	4.5	4.5
DAIRY FARMS	2.2	2.2
CHICKEN EGGS	0.9	0.9
OTHER LIVESTOCK	1.4	1.4
TOTAL AGRICULTURAL SERVICES	10.0	13.3
CROP SERVICES	4.7	4.8
CROP PLANT-CULT-PROTECTION	0.5	1.1
CROP HARVEST PRIM. MACHINE	1.1	0.7
CROP PREP. SERV. FOR MARKET	3.1	3.0
TOTAL FARM LABOR & MANAGEMENT	5.3	8.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	246.72	252.73
TOTAL AGRIC. PROD. CROPS	229.26	267.69
FIELD CROPS	211.86	264.77
VEGETABLES AND MELONS	243.65	273.78
TOTAL FRUIT AND TREE NUTS	227.41	235.98
GRAPES	225.85	189.73
CITRUS FRUITS	310.18	309.08
OTHER FRUITS AND NUTS	209.21	249.37
HORTICULTURAL SPECIALTIES	291.28	320.54
GENERAL FARM PRIMARILY CROP	203.84	267.46
TOTAL AGRIC. PROD. LIVESTOCK	421.33	399.06
DAIRY FARMS	526.03	490.38
CHICKEN EGGS	288.77	299.80
OTHER LIVESTOCK	341.88	323.50
TOTAL AGRICULTURAL SERVICES	190.50	190.25
CROP SERVICES	215.98	245.85
CROP PLANT-CULT-PROTECTION	227.81	246.77
CROP HARVEST PRIM. MACHINE	194.70	266.76
CROP PREP. SERV. FOR MARKET	221.60	240.64
TOTAL FARM LABOR & MANAGEMENT	168.48	159.86

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	37.1	39.8
TOTAL AGRIC. PROD. CROPS	37.4	44.1
FIELD CROPS	37.3	44.8
VEGETABLES AND MELONS	43.2	48.2
TOTAL FRUIT AND TREE NUTS	35.7	39.2
GRAPES	34.8	33.7
CITRUS FRUITS	40.6	44.6
OTHER FRUITS AND NUTS	35.4	41.7
HORTICULTURAL SPECIALTIES	44.2	47.7
GENERAL FARM PRIMARILY CROP	32.1	43.0
TOTAL AGRIC. PROD. LIVESTOCK	52.6	50.9
DAIRY FARMS	56.2	52.9
CHICKEN EGGS	46.5	49.8
OTHER LIVESTOCK	50.8	48.5
TOTAL AGRICULTURAL SERVICES	30.0	32.3
CROP SERVICES	33.8	38.9
CROP PLANT-CULT-PROTECTION	33.8	42.4
CROP HARVEST PRIM. MACHINE	29.5	39.0
CROP PREP. SERV. FOR MARKET	35.4	37.6
TOTAL FARM LABOR & MANAGEMENT	26.7	28.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.65	6.35
TOTAL AGRIC. PROD. CROPS	6.13	6.07
FIELD CROPS	5.68	5.91
VEGETABLES AND MELONS	5.64	5.68
TOTAL FRUIT AND TREE NUTS	6.37	6.02
GRAPES	6.49	5.63
CITRUS FRUITS	7.64	6.93
OTHER FRUITS AND NUTS	5.91	5.98
HORTICULTURAL SPECIALTIES	6.59	6.72
GENERAL FARM PRIMARILY CROP	6.35	6.22
TOTAL AGRIC. PROD. LIVESTOCK	8.01	7.84
DAIRY FARMS	9.36	9.27
CHICKEN EGGS	6.21	6.02
OTHER LIVESTOCK	6.73	6.67
TOTAL AGRICULTURAL SERVICES	6.35	5.89
CROP SERVICES	6.39	6.32
CROP PLANT-CULT-PROTECTION	6.74	5.82
CROP HARVEST PRIM. MACHINE	6.60	6.84
CROP PREP. SERV. FOR MARKET	6.26	6.40
TOTAL FARM LABOR & MANAGEMENT	6.31	5.57

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	20.8	23.9	22.5
TOTAL AGRIC. PROD. CROPS .	14.2	16.4	16.3
RICE	0.9	1.1	1.1
VEGETABLES AND MELONS	0.7	1.2	0.6
TOTAL FRUIT AND TREE NUTS	6.8	7.6	7.2
TREE NUTS	2.0	2.2	1.9
DECIDUOUS TREE FRUIT	2.9	3.1	3.1
OTHER FRUITS AND NUTS	1.9	2.3	2.2
HORTICULTURAL SPECIALTIES	2.3	2.1	3.0
GENERAL FARM PRIMARILY CROP	3.5	4.4	4.4
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.1	2.1
TOTAL AGRICULTURAL SERVICES	4.5	5.4	4.1
CROP SERVICES	2.3	3.1	2.2
CROP HARVEST PRIM. MACHINE	0.9	1.0	0.8
CROP PREP. SERV. FOR MARKET	1.4	2.1	1.4
TOTAL FARM LABOR & MANAGEMENT	2.2	2.3	1.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	18.3	21.2
TOTAL AGRIC. PROD. CROPS	12.6	14.8
RICE	0.7	0.9
VEGETABLES AND MELONS	0.7	1.1
TOTAL FRUIT AND TREE NUTS	6.2	7.1
TREE NUTS	1.8	2.0
DECIDUOUS TREE FRUIT	2.6	2.9
OTHER FRUITS AND NUTS	1.8	2.2
HORTICULTURAL SPECIALTIES	2.0	1.8
GENERAL FARM PRIMARILY CROP	3.0	3.9
TOTAL AGRIC. PROD. LIVESTOCK	1.8	1.8
TOTAL AGRICULTURAL SERVICES	3.9	4.6
CROP SERVICES	1.8	2.4
CROP HARVEST PRIM. MACHINE	0.6	0.6
CROP PREP. SERV. FOR MARKET	1.2	1.8
TOTAL FARM LABOR & MANAGEMENT	2.1	2.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	271.97	270.07
TOTAL AGRIC. PROD. CROPS	269.24	265.40
RICE	392.88	375.36
VEGETABLES AND MELONS	359.10	410.85
TOTAL FRUIT AND TREE NUTS	241.12	223.04
TREE NUTS	228.13	233.86
DECIDUOUS TREE FRUIT	245.78	205.69
OTHER FRUITS AND NUTS	248.63	236.90
HORTICULTURAL SPECIALTIES	236.96	254.87
GENERAL FARM PRIMARILY CROP	301.36	276.79
TOTAL AGRIC. PROD. LIVESTOCK	373.69	326.92
TOTAL AGRICULTURAL SERVICES	232.86	263.93
CROP SERVICES	216.23	308.13
CROP HARVEST PRIM. MACHINE	247.78	266.99
CROP PREP. SERV. FOR MARKET	199.40	322.77
TOTAL FARM LABOR & MANAGEMENT	246.84	214.14

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	42.1	43.7
TOTAL AGRIC. PROD. CROPS	42.2	42.6
RICE	51.9	51.0
VEGETABLES AND MELONS	37.8	45.0
TOTAL FRUIT AND TREE NUTS	41.5	40.7
TREE NUTS	39.4	41.1
DECIDUOUS TREE FRUIT	39.9	36.6
OTHER FRUITS AND NUTS	46.3	46.0
HORTICULTURAL SPECIALTIES	37.2	39.7
GENERAL FARM PRIMARILY CROP	45.8	44.5
TOTAL AGRIC. PROD. LIVESTOCK	49.3	44.0
TOTAL AGRICULTURAL SERVICES	38.3	47.3
CROP SERVICES	35.8	51.1
CROP HARVEST PRIM. MACHINE	43.7	40.7
CROP PREP. SERV. FOR MARKET	31.6	54.8
TOTAL FARM LABOR & MANAGEMENT	40.4	43.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.46	6.18
TOTAL AGRIC. PROD. CROPS	6.38	6.23
RICE	7.57	7.36
VEGETABLES AND MELONS	9.50	9.13
TOTAL FRUIT AND TREE NUTS	5.81	5.48
TREE NUTS	5.79	5.69
DECIDUOUS TREE FRUIT	6.16	5.62
OTHER FRUITS AND NUTS	5.37	5.15
HORTICULTURAL SPECIALTIES	6.37	6.42
GENERAL FARM PRIMARILY CROP	6.58	6.22
TOTAL AGRIC. PROD. LIVESTOCK	7.58	7.43
TOTAL AGRICULTURAL SERVICES	6.08	5.58
CROP SERVICES	6.04	6.03
CROP HARVEST PRIM. MACHINE	5.67	6.56
CROP PREP. SERV. FOR MARKET	6.31	5.89
TOTAL FARM LABOR & MANAGEMENT	6.11	4.98

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991	DEC 1990
TOTAL AGRICULTURAL	8.7	9.5	10.5
TOTAL AGRIC. PROD. CROPS	6.1	6.5	7.3
TOTAL FRUIT AND TREE NUTS	4.6	5.3	5.8
GRAPES	3.7	4.2	4.7
OTHER FRUITS AND NUTS	0.9	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.2	0.9	1.1
GENERAL FARM PRIMARILY CROP (2)	0.3	0.3	0.4
TOTAL AGRIC. PROD. LIVESTOCK	1.9	1.9	2.1
TOTAL AGRICULTURAL SERVICES	0.7	1.1	1.1

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, OR HOURS AND EARNINGS ESTIMATES.

TABLE 7-B
AGRICULTURAL PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.5	7.4
TOTAL AGRIC. PROD. CROPS	4.6	4.8
TOTAL FRUIT AND TREE NUTS	3.3	3.8
GRAPES	2.5	2.8
OTHER FRUITS AND NUTS	0.8	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.0	0.7
TOTAL AGRIC. PROD. LIVESTOCK	1.5	1.6
TOTAL AGRICULTURAL SERVICES	0.4	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	289.23	286.46
TOTAL AGRIC. PROD. CROPS	269.60	257.72
TOTAL FRUIT AND TREE NUTS	290.60	268.37
GRAPES	306.85	291.82
OTHER FRUITS AND NUTS	238.54	199.11
TOTAL HORTICULTURAL SPECIALTIES	208.94	204.35
TOTAL AGRIC. PROD. LIVESTOCK	322.75	318.34
TOTAL AGRICULTURAL SERVICES	372.14	376.58

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	42.1	38.4
TOTAL AGRIC. PROD. CROPS	39.3	34.0
TOTAL FRUIT AND TREE NUTS	40.7	33.8
GRAPES	38.5	32.9
OTHER FRUITS AND NUTS	47.9	36.4
TOTAL HORTICULTURAL SPECIALTIES	33.7	30.5
TOTAL AGRIC. PROD. LIVESTOCK	49.2	48.9
TOTAL AGRICULTURAL SERVICES	46.0	42.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1991	NOV 1991
TOTAL AGRICULTURAL	6.87	7.46
TOTAL AGRIC. PROD. CROPS	6.86	7.58
TOTAL FRUIT AND TREE NUTS	7.14	7.94
GRAPES	7.97	8.87
OTHER FRUITS AND NUTS	4.98	5.47
TOTAL HORTICULTURAL SPECIALTIES	6.20	6.70
TOTAL AGRIC. PROD. LIVESTOCK	6.56	6.51
TOTAL AGRICULTURAL SERVICES	8.09	8.84

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.